

Converting Colors

XYZ(55.5656, 57.7403, 48.2608)

Have a look what the booklet for
XYZ(55.5656, 57.7403, 48.2608)
contains.

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Color

**XYZ(55.5656, 57.7403,
48.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C6AE
RGB	214, 198, 174
RGB Percent	84%, 78%, 68%
CMY	0.1608, 0.2235, 0.3176
CMYK	0.00, 0.07, 0.19, 0.16
HSL	36°, 33%, 76%
HSV	36°, 19%, 84%
XYZ	55.5656, 57.7403, 48.2608
YIQ	200.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

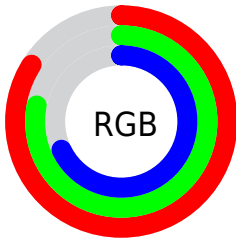
Format	Color
RYB	201, 214, 174
Decimal	14075566
CIELab	80.59, 1.73, 14.05
CIElCh	81, 14.157, 82.999
Yxy	57.7403, 0.3439, 0.3574
Android (android.graphics.Color)	4292265646 (0xFFD6C6AE)
YUV	200.0480, -12.8417, 12.2359
Hunter-Lab	75.9870, -2.4490, 15.5347

Details

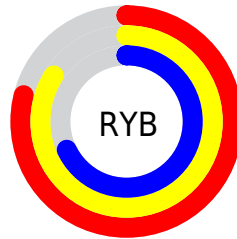
The XYZ color **55.5656, 57.7403, 48.2608** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0063, 50.6794, 70.8706**, and the grayscale version is **54.9997, 57.8640, 63.0139**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **27.7842, 28.7226, 22.4920** is the 20% darker color. If you saturate the color by 10%, you get **51.7427, 53.1711, 37.5007**, and if you desaturate by 10%, it is **59.8346, 62.6687, 60.8109**.

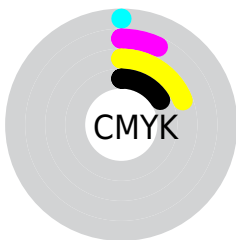
Distribution



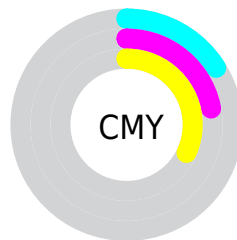
- Red (84%)
- Green (78%)
- Blue (68%)



- Red (79%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (16%)




- Cyan (16%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5656, 57.7403, 48.2608 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 55.5656, 57.7403, 48.2608 by changing the saturation by 10% instead.


 55.5656, 57.7403,
48.2608

 55.5656, 57.7403,
48.2608


398.1540,
416.2175, 396.3634

 40.0904, 41.5999,
33.6720


 97.5127, 101.5446,
88.9622

 27.7935, 28.7881,
22.3664


124.7152,
129.9773, 115.9118

 18.3097, 18.9206,
13.9255


156.5575,
163.2761, 147.8189

 11.2736, 11.6129,
7.9307

193.4051,
201.8256, 185.1018

 6.3198, 6.4807,
3.9635

235.6231,
246.0101, 228.1792

 3.0830, 3.1395,
1.6053

283.5771,

 1.1978, 1.2050,

296.2140, 277.4696

0.2946

337.6322,
352.8217, 333.3915

■ 0.1046, 0.0658,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5656, 57.7403,
48.2608

■ 55.5656, 57.7403,
48.2608

■ 51.7427, 53.1711,
37.5007

■ 59.8346, 62.6687,
60.8109

■ 48.3436, 48.9434,
28.4435

■ 64.5615, 67.9580,
75.2250

■ 45.3512, 45.0494,
21.0004

■ 69.7633, 73.6197,
91.5775

■ 42.7450, 41.4778,
15.0731

■ 74.7048, 79.3624,
105.9889

■ 40.5024, 38.2165,
10.5522

■ 77.1759, 84.3047,
106.8126

■ 38.5978, 35.2520,
7.3137

■ 79.7661, 89.4850,
107.6759

■ 37.0017, 32.5692,
5.2114

■ 81.5417, 93.0362,
108.2678

■ 35.6692, 30.1466,
4.0193

■ 35.5063, 29.8454,
3.8893

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3190, 57.7403, 50.9146



55.5656, 57.7403, 48.2608



52.7220, 57.7403, 49.2355

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.5656, 57.7403, 48.2608



49.8868, 57.7403, 69.3441



59.4739, 57.7403, 73.0205

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.5656, 57.7403, 48.2608



48.0063, 50.6794, 70.8706

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.0969, 57.7403, 78.8129



55.5656, 57.7403, 48.2608



51.5797, 57.7403, 76.5627

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.5656, 57.7403, 48.2608



49.5093, 57.7403, 60.9354



54.2009, 57.7403, 80.1633



60.6266, 57.7403, 64.8439

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.5656, 57.7403, 48.2608



51.1503, 57.7403, 51.8573



54.2009, 57.7403, 80.1633



58.7876, 57.7403, 75.3395

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.5671, 57.7429, 48.2620



90.7628, 95.2117, 95.7986



52.1625, 48.2867, 55.2869



19.3304, 20.2702, 20.2130



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.5671, 57.7429, 48.2620



80.5534, 83.4114, 65.8264



58.2653, 64.8512, 49.4918



13.0368, 13.6479, 13.1079



21.5654, 18.2481, 2.3856



1.3807, 1.2606, 0.1706

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.0063, 50.6794, 70.8706



67.5213, 71.2378, 104.7993



45.6345, 44.5930, 69.8208



12.1461, 12.8156, 15.7710



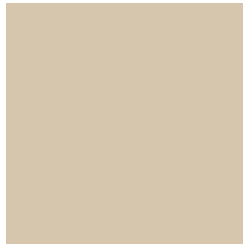
9.4230, 7.1078, 39.3284



0.6482, 0.5884, 2.3987

Previews

White Background



This preview shows how the XYZ color 55.5656, 57.7403, 48.2608 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.5656, 57.7403, 48.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

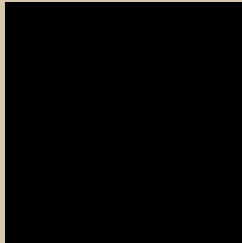
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

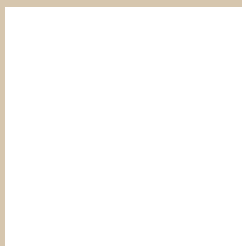
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5656, 57.7403, 48.2608

Background



This preview shows how black text looks on a background with the XYZ color 55.5656, 57.7403, 48.2608.



This preview shows how white text looks on a background with the XYZ color 55.5656, 57.7403,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.5656, 57.7403, 48.2608

Protanopia

54.4558, 57.4973, 48.7854

Deuteranopia

58.8027, 57.7291, 48.6010



Tritanopia

59.3686, 57.5994, 67.6632

Trichromacy



Original Color

55.5656, 57.7403, 48.2608

Protanomaly

55.0253, 57.7909, 48.8121

Deuteranomaly

57.6844, 57.8133, 48.6762

Tritanomaly

58.0942, 57.7674, 60.3129

Monochromacy



Original Color

55.5656, 57.7403, 48.2608

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0042, 57.5876, 57.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5656, 57.7403, 48.2608 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 198, 174)` looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 198, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 174) }
```

Border

The CSS property to change the border of an element to XYZ 55.5656, 57.7403, 48.2608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 198, 174) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(214, 198, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(214, 198, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 198, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 198, 174);  
box-shadow:4px 4px 4px 4px rgb(214, 198,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5656, 57.7403, 48.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
198, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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